

COLLEGE OF **SCIENCES**
BIOLOGICAL SCIENCES

Biological Sciences

October 3, 2016 AY 16-17 #136

Department Announcements:

NCSU News published an article featuring research conducted by **Bucky Gates and Lindsay Zanno** focusing on the relationship between head size and body size of dinosaurs. Read more about the "biggest baddies on the prehistoric block" by following the link below.

<https://news.ncsu.edu/2016/09/gates-ornament/>



Between travelling to DC to meet with legislators and being featured in the below article, **Heather Patisaul** has been busy! Read about her startling research on endocrine disruptions at this link:

http://m.technicianonline.com/features/article_bf455da2-6823-11e6-8f1e-d7a20f35ad7b.html?mode=iqm

**STATE HEALTH PLAN
Annual Enrollment is October 1-October 31, 2016
Three important things...**

1. Everyone is defaulting to the 70/30 plan. You must take action to enroll in the 80/20 or Consumer Directed Health Plan
2. The 70/30 will now have a wellness credit. To avoid a \$40/month surcharge, you must complete a tobacco attestation during annual enrollment
3. Those in the 80/20 and Consumer Directed Health Plan will have three wellness credits to complete

As of October 1, you will start the enrollment process through the MyPack Portal.

From Lara Mekeel regarding travel:

Recently there were updates to the university's travel policy regarding "third party" or "non-

commercial" lodging - commonly booked via Air B&B, VRBO, Craigslist, and similar sites.

Use of these facilities (both domestic and international) must be approved by the Controller's office prior to the travel. All non-commercial lodging establishments must follow local laws and ordinances and must provide evidence of savings to the State in order to be used. If the establishment is not pre-approved by the Controller or if the establishment does not follow local ordinances (for our purposes, the ordinances are primarily around paying taxes and subletting), the expense may not be reimbursed.

Anecdotally, I've heard stories from other business officers of their faculty and students staying in houses or rooms rented from Air B&B, and their surprise when hundreds of dollars of their trip were not reimbursed because the lodging was not pre-approved.

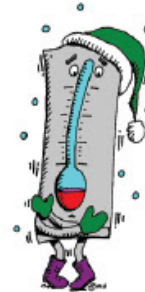
We recommend staying at hotels and other commercial establishments when travelling on University business. If you would like to stay at a non-commercial establishment, please indicate this on your TA and ensure the establishment is approved prior to booking your travel.

Baby, It's Cold Outside!

Donate Items to Help the Homeless

The winter season will be arriving soon and there are a lot of homeless people in our area that could use a helping hand.

The BioSciHelp Team will be collecting items to hand out to the homeless in our Raleigh streets. (Most items can be purchased at the Dollar Store or are sample items you receive in the mail.)



Items most needed:

Gloves	Deodorant
Toboggans	Lotion
Scarfs	Body Wipes
Socks	Pocket Kleenex
Toothpaste	Hand Warmers
Toothbrush	Hand Sanitizer
Floss	Bottled Water
Chap Stick	Granola Bars (Snacks)

Any item you can think of that will help keep someone warm and healthy on our Raleigh Streets.

We will also be excepting:

Gently used coats, sweater, hoodies, blankets or shoes.

Donations and money can be brought to BOS 2727.

Questions? Contact Angie Lueneburg at 515-9044.

From Bobbie Kelley to Teaching Faculty:

If you are teaching a course this Spring or Summer Term 2017 that you would like to have advertised to undergraduates, please create and send me a course flyer at your earliest opportunity.

If you don't have time, just give me the name and number/section of the course and a brief description (including any prerequisites and which major electives it might fulfill).

Enrollment advising will be starting up after Fall Break (as early as October 10th). We would like to circulate *information on NEW, ONE-OFF, SPECIAL TOPICS, CAPSTONE, OR OTHER "out of the ordinary" courses that would interest our diverse student population* in the Life Sciences.

Thank you for helping us get the word out about your courses!

*****Save-the-Date*****

The Biological Sciences 2016 Fall Seminar Series

Thursdays from 3:30-5 p.m. (**Unless otherwise noted**)
Stephens Room, 3503 Thomas Hall

Check out the seminar schedule below, more titles coming soon!

October 6th: Elena Schroeter, NCSU

****Friday, October 7th 3:30-4:30 p.m: Robert Cooney, UH Manoa****

November 3rd: Scott Belcher, NCSU

November 17th: Gary Ostrander, FSU

December 1st: Patricia Jensen, NIH

December 15th: Charlotte Boettiger, UNC

Phishing Fair kicks off CSAM 2016 on Oct. 4

Got fair fever?

On Tuesday, Oct. 4, NC State will kick off National Cyber Security Awareness Month with its first ever Phishing Fair. The carnival-style event will be held from 11 a.m. to 3 p.m. in the Mountains

Ballroom of Talley Student Union.

The *Make it Your Mission to Stop Phishing Fair* will feature a variety of games, a phish-themed photo booth, phish tattoos, and great prizes. Plus, you'll learn great tips to keep your data safe from phishing attacks, all while enjoying tasty fair food, including Howling Cow ice cream, buttered popcorn, and cotton candy. Play all of the games and enroll in [Google 2-Step Verification](#) to increase your chances to win the grand prize, an iPad Air!

For more information about CSAM events, visit NC State's [Cyber Security Awareness Month 2016](#) website or follow the Office of Information Technology on Twitter @ [ncsu_oit](#).

This year's event is sponsored by the Office of Information Technology, the NC State Department of Computer Science, ePartners Program, and the NC State Engineering Foundation.

From the HR Benefits Office of NC State University:

Join us for a great FREE lunch-and-learn opportunity as NC State's HR-Benefits sponsors its third workshop in the Woman 2 Woman Financial series.* This session is entitled **"Postcards From the Future: A Woman's Guide to Financially Ever After"**.

Fewer years in the workforce. Longer life spans. Women saving for retirement face unique challenges. Learn ways to help make the retirement dream come true on schedule.

The workshop, facilitated by TIAA, will be held on **Friday, October 7, 2016, in the Talley Student Center, Room 3285**. The session will be held from 12 pm to 1:30 pm. *Lunch will be provided, but if you have special dietary needs, feel free to bring your own lunch.*

If you have questions, you may contact Kaprina Mitchell at [919/515-4311](tel:9195154311) or ksmith2@ncsu.edu.

Note: The seminar will last a bit longer than the traditional lunch hour, so be sure to check with your supervisor/manager to discuss how the additional leave time will be handled, if applicable.

* The W2W financial workshops are designed to work in conjunction with one another, but are independent learning opportunities. Attendance at prior sessions is not mandatory for the current session to be meaningful.

Graduate Women in Science www.gwisresearchtriangle.org has some upcoming events of interest.

Grant Writing Workshop, Sat. Oct. 15 from 2-4 pm.

Did you know GWIS offers fellowships?! Join Dr. Hannah Burrack at the UNC Health Sciences Library as she helps us trouble shoot the grant writing process. With her guidance, we will be able to prepare more effective, successful grants - and just in time too! GWIS Fellowships are due January 2017! For more information and to RSVP, click [here](#)!

Media Training and Communication Workshop, Wed. Oct. 19 from 6-8 pm.

Do you know how to effectively describe your work to non-scientists? Could your communication skills be polished? If so, you should join us Oct. 19 from 6-8 pm at NCSU BTEC for an engaging workshop led by Matt Shipman, a Public Communications Specialist from NCSU. For more information and to RSVP, click [here](#)!

**TOXICOLOGY PROGRAM
Fall 2016 SEMINAR SCHEDULE**

Tuesdays @ 4:00 PM Toxicology Building Room 2104, Centennial Campus

*Co-sponsored by Toxicology Graduate Student Association

**Co-sponsored by Center for Human Health and the Environment

DATE	SPEAKER <i>Affiliation</i>	TITLE
8/23	Jennifer Martinez* <i>NIEHS</i>	"Non-canonical autophagy as a critical regulator of inflammation and autoimmunity"
8/30	Susan Sumner** <i>RTI</i>	"Metabolomics in maternal and child health"
9/6	Rodolphe Barrangou <i>NCSU</i>	"The CRISPR craze: from adaptive immunity to genome editing"
9/13	Rodney Dietert** <i>Cornell University</i>	"Health Risks for the Human Superorganism"
9/20	James Samet <i>EPA/UNC-CH</i>	"Redox Toxicology: Linking Environmental Oxidative Stress to Signaling Dysregulation"
9/27	Jodie Fleming** <i>NCCU</i>	"The role of the Lipolysis Stimulated Lipoprotein Receptor in the promotion of breast cancer"
10/4	Carmen Williams* <i>NIEHS</i>	"Epigenetic reprogramming of female reproductive tract function by developmental exposure to estrogenic chemicals"
10/11	TBA	
10/18	Ernest Hodgson* <i>NCSU</i>	"The Generalist in Toxicology: at Work and at Play"
10/25	Marc Weisskopf** <i>Harvard School of Public Health</i>	"ALS Epidemiology in large populations"
11/1	Chad Blystone* <i>Alumni Speaker NTP</i>	"Evaluation of 4-Methylcyclohexanemethanol developmental toxicity, the primary chemical in the Elk River Spill"
11/8	Zhen Gu <i>NCSU</i>	"Leverage Physiology for Precision Drug Delivery"
11/15	Gina Hilton <i>NCSU PhD Student</i> & Mark Ihrie <i>NCSU PhD Student</i>	"Proteomic discovery of nanoparticle-induced lung disease" & "Allergen-Nanoparticles in asthma susceptibility"
11/22	Kenneth Poss <i>Duke University</i>	"Enhancing tissue regeneration"
11/29	Rusty Thomas <i>US EPA</i>	"Too many chemicals, so little time"

Time: 1:30 pm
Location: Stephens Room, 3503 Thomas Hall



August 29
Dr. Jason Moore, University of Pennsylvania
(Hosted by Dr. Trudy Mackay)

September 12

Dr. Rebecca Yang, Duke University
(Hosted by Dr. Robert Anholt)



September 19
Dr. Adriana San Miguel, NC State University
(Hosted by Dr. Robert Anholt)

September 26

Dr. Sarah Elgin, Washington University
(Hosted by the Genetics Teaching Faculty)



October 3
Dr. David Remington, UNC Greensboro
(Alumnus Seminar, Hosted by Dr. Trudy Mackay)

October 10

Dr. John Schimenti, Cornell University
(Hosted by Dr. Antonio Planchart)



October 17
Dr. Joseph Ecker, The Salk Institute
(Hosted by Dr. Jose Alonso and Dr. Anna Stepanova)

October 24

Dr. Joan Steitz, Yale University
(Hosted by the Genetics Graduate Students)



October 31
Genetics Program Halloween Party
Dr. Victor Frankenstein, University of Transylvania
(Hosted by the Ghouls and witches of the Genetics Program)

November 7

Dr. Dahlia Nielsen, NC State University
(Hosted by Dr. David Aylor)



November 14
Dr. Harris Lewin, UC Davis
(Hosted by Dr. Trudy Mackay)

November 21

Dr. Laurianne Chantal Van Landeghem, NC State University
(Hosted by Dr. Robert Anholt)



November 28
Dr. Hans Hofmann, UT Austin
(Hosted by the Genetics Graduate Students)

December 5

Dr. Stephen Rich, University of Virginia
(Hosted by Dr. Trudy Mackay)





SAVE THE DATE
NC SOT Annual Meeting
October 25, 2016

National Institute of Environmental Health Sciences (NIEHS) Main Campus
Research Triangle Park, NC

Scientific Themes: Epigenetics and Stem Cells

Tentative Agenda

8:45 AM – 9:45 AM

Career Panel Breakfast Discussion***

***PRE-REGISTRATION IS REQUIRED; Seating is limited to no more than
25 students/Post-Docs

10:00 AM – 4:30 PM

Welcome & NCSOT Business Meeting

Presentations from Epigenetics Experts: Dr. Shaun McCullough (USEPA) &
Dr. Catherine Hoyo (NC State)

President's Award for Research Competition (PARC; Open to Post-Docs
Only)

Poster Session (Open to all members) and Competition (Open to both
Graduate Students and Post-Docs)

Networking Lunch and Refreshment Break

Platform Presentations (Open to Graduate Students Only)

Presentations from Stem Cell Experts: Dr. Karen Augustine (Bristol Myers-
Squibb) & Dr. Guang Hu (NIEHS)

Online Registration: <http://www.toxicology.org/groups/rc/nc/meetings.asp>

Registration* is required for meeting attendance and **will close Friday, October 21, 2016.**

Registration covers cost of lunch and refreshments. Note: There will be no On-Site registration available.

*Registration Fees are as follows: NCSOT Member- \$10; NCSOT Non-Member- \$15; NCSOT Student/Post Doc
Member- \$5; NCSOT Student/Post Doc Non-Member- \$10

Thank you to NIEHS for providing the venue for this meeting!

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 NCSU Biological Sciences

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